



TownGuide Performer

BDP101 LED70/830 DW PCF SI CLO 62P

TOWNGUIDE PERF BOWL, LED GreenLine 7000 lm, Distribution wide, Polycarbonate bowl/cover frosted, Constant light output, Post-top for diameter 62 mm

The TownGuide Performer family consists of six recognizable, yet modern shapes: Flat Cone, Bowl, Classic Cone, Classic T, T and Tzero. Each luminaire has the option of a clear (PCC), translucent (PCTR) or frosted (PCF) bowl (except Tzero, which is only available with a clear bowl). With an extensive range of lumen packages, neutral white or warm white LED lights sources, and a range of dedicated optics for lower mounting heights, it's easy to select the version that best suits the specific requirements of your project. All this combined with a long life expectancy of 100,000 operating hours. In addition, TownGuide Performer has a variety of control system options that can make this luminaire an integral part of smart energyreduction programs. This includes LumiStep, DynaDimmer, and LineSwitch standalone dim control, and Coded Mains group control, right up to seamless remote connectivity with Interact lighting management software. Installation is easy. Thanks to the bayonet whistle connector with integrated gland located in the spigot, there's no need to open the luminaire for installation. The Signify Service tag app offers direct access to all relevant data, ensuring maintenance is easy too. Philips has made every effort to make the Total Cost of Ownership (TCO) of the luminaire as attractive as possible. And as TownGuide Performer is a dedicated LED luminaire, compatible with a variety of control systems, there are significant energy and maintenance cost savings compared with conventional lighting.

Product data

General Information	
Lamp family code	GRN70 [LED GreenLine 7000 lm]
Light source replaceable	Yes

Number of gear units	1 unit
Driver included	Yes
Photocell	-

Datasheet, 2023, December 5 data subject to change

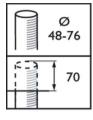
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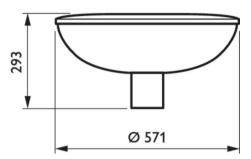
Light source engine type	LED
Product family code	BDP101 [TOWNGUIDE PERF BOWL]
Lighting Technology	LED
Value ladder	Performance
Embedded control	Constant light output
CE mark	Yes
Warranty period	5 years
Flammability mark	-
ENEC mark	ENEC mark
Glow-wire test	Temperature 650 °C, duration 5 s
EU RoHS compliant	No
Light Technical	
Upward light output ratio	0.4
Luminous Flux	3,648 lm
Standard tilt angle posttop	O°
Standard tilt angle side entry	-
Correlated Color Temperature (Nom)	3000 K
Luminous Efficacy (rated) (Nom)	72 lm/W
Color rendering index (CRI)	80
Number of light sources	8
Light source color	830 warm white
Optical cover type	Polycarbonate bowl/cover frosted
Luminaire light beam spread	50° x 70°
Optic type outdoor	Distribution wide
Operating and Electrical	
Input Voltage	220 to 240 V
Line Frequency	50 to 60 Hz
Initial CLO power consumption	51 W
Average CLO power consumption	53 W
End CLO power consumption	55 W
Inrush current	45 A
Inrush time	0.285 ms
Power Consumption	55 W
Power Factor (Fraction)	0.98
Connection	Screw connection block 5-pole
Cable	
Number of products on MCB of 16 A type	■ B 10
Temperature	
Ambient temperature range	-40 to +35 °C
Controls and Dimming	
Dimmable	No
Driver/power unit/transformer	Power supply unit regulating with constant
	light output
Control interface	-

Mechanical and Housing Housing Material Aluminum Reflector material - Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Mounting device Post-top for diameter 62 mm Optical cover shape Hemispherical flat Overall height 293 mm Overall diameter 570 mm	
Housing Material Aluminum Reflector material - Optic material Acrylate Optical cover material Polycarbonate Fixation material Steel Housing Color Silver Mounting device Post-top for diameter 62 mm Optical cover shape Hemispherical flat Optical cover finish Frosted Overall height 293 mm Overall diameter 570 mm	
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Overall diameter 570 mm	
Effective projected area 0.095 m ²	
Parts color All parts colored	
Approval and Application	
Ingress protection code IP66 [Dust penetration-protected, jet-p	roof]
Mech. impact protection code IK10 [20 J vandal-resistant]	
Surge Protection (Common/Differential) Luminaire surge protection level until 6	kV
differential mode and 6 kV common mo	de
Protection class IEC Safety class I	
Initial Performance (IEC Compliant)	
Luminous flux tolerance +/-7%	
Initial chromaticity (0.43, 0.40) SDCM <5	
Power consumption tolerance +/-10%	
Init. Color Rendering Index Tolerance +/-2	
Over Time Performance (IEC Compliant)	
Driver failure rate at 5000 h 0.5 %	
Application Conditions	
Maximum dim level Not applicable	
Product Data	
Order product name BDP101 LED70/830 DW PCF SI CLO 628	
Full product name BDP101 LED70/830 DW PCF SI CLO 628	<u> </u>
Full product code 871829191063300	
Order code 910500991124	
Material Nr. (12NC) 910500991124	
Numerator - Quantity Per Pack 1	
EAN/UPC - Product/Case 8718291910633	
Numerator - Packs per outer box 1	
EAN/UPC - Case 8718291910633	

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Dimensional drawing







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